

ABSTRACT

The present invention relates to a protein found in natural rubber that can induce an allergic reaction in persons who have been sensitised to it. The invention provides for the process of isolating and purifying the protein and describes the characteristics of the protein, including its molecular weight, isoelectric point, amino acid sequence and allergenicity. The invention also describes the isolation and cloning a the DNA that encodes the protein. The production of the recombinant version of the protein using a protein expression vector is described.